G. R. S. 58]

Previous references.

1914
(Education)

File No. 17-14

Serial Nos. 8, 29, 39, 64

Later references.

Edn. 19-15. 8, 28446.

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 8, 29, 39, 64

Part B for May 1915

SUBJECT.

Report of the Chamarajendra Technical Institute, Mysore for the year 1913-14

Serial 64. To the Hy. Secretary to Govt. Edn. Secy
Education Commr.
No 6978-80 & 22.5.15.

Records with Some observation The Report
Of the Chamarajendra Technical Institute for
the half year ending 31st Dec 1914.

GPB—10,000—28-3-15

G.R.S. 11] 1914

GENERAL AND REVENUE SECRETARIAT.

(Edn)

NOTES.

File No. 7

FILE HEADING.

Technical Institutions.

From

The D.P. of Edn.

No. 8433/352 Dated 17.11.14 Received 25.11.14

Diary No.	Enclos.	Spare Copies.	Serial No.
924	1	—	8

BRIEF ABSTRACT OF LETTER.

Submits copy of a brief report for the half year ending 30.6.14, on the working of the Chem. Tech. Inst. Mysore

NOTES AND ORDERS.

Draft Submd.

A Statement of the progress contained reported by the D.P. is put up.

8/12 SW 9.12.14

3

8/12 SW 4.1.15

1 Statement

4

Approved 5/1/15

The app'd is 1st member

5

Decided

6

Letter issued 8/1/15

8/1

NOTES—First Sheet.

3744/9-1-15

G11—15,000—1-12

231

R. S. 12]

General and Revenue Secretariat.

Edn File No. 17 of 1914

Serial No.	
29	To the D.P. of Edn. 2989 & 19.2.15 Reviews the report.
39	From the Same Officer 15340/710 & 19.3.15: Submits the report on the working of the C.T. Inst. for the half year ending 31.12.14. Submd. with a Dft. review and a statement of the Expenses 9.4.15
64	Do. Draft appd by First member 14.5.15.

NOTE—Contn. sheet.

GPB—25,000 2 11-11

GPB—2,000—5-11-13

Subject.....

Month	Progress made	Remarks

4

GPB—2,000—5-11-13

Subject..... Half yearly report—
of the C.T. Inst. Mysore—

~~Month~~ Half yr ending 31.12.14	Progress made	Remarks
	Industries + Crafts Section. (1) Total no. of students 123 (last half year 125). (2) In Smithy the results of the Madras Exn. not very satisfactory Arts Section. (1) Total no. of students 31. (last half yr. 36) (2) In Elementary design the result of the Exn. not at all satisfactory. (3) course extended from 3 to 5 years. Commercial Section (1) Mr. G.S. Subba Rao deputed to Bombay ref. during the period (2) total no. of students lot (3) Sanction to 2 addl. comp. teachers in Ver. + general service obtd. Workshop. (1) Value of work turned out Rs. 7000 (2) Outstandings due from customers is amount to Rs. 5949 (3) Profit Rs. 2000. Equipment. Large portions of grants asked. were available at the end of the half year Engineering Section. Proposals for revising the scale etc. just rec'd. u.o. from P.S.E. General Detailed Syllabuses for the courses in the Ind. + crafts + Arts ~~section~~ prepared.	Nothing specially noteworthy. The progress has been as satisfactory as it could be expected.

(1) DIARY NO 924

19-19
SECTION Edn
FILE NO. 17-14
SERIAL NO. 9

Edn. 81]

OFFICE OF INSPECTOR-GENERAL OF EDUCATION IN MYSORE.

No. 8433/352

Bangalore, 17th November 191 4.

From

RAO BAHADUR M. SHAMA, RAO, ESQ., M. A.,
Inspector-General of Education in Mysore.

To

C.S. Balasundaram Iyer Esq., B.A.,
Secretary to the Government of His
Highness the Maharaja of Mysore,
Departments of Education & Agriculture,
Bangalore.

SIR,

I have the honour to forward herewith a copy of the Brief Report on the Progress of the Chamarajendra Technical Institute Mysore for the half year, ended 30th June 1914, as laid down in para 7 of Government Order No.8834-40/Edn.462-09-24 dated 1st May 1913.

I have the honour to be,

Sir,

Your most obedient servant,

M. Shamarao,

Inspector General.

GPB—2,000—5-11-!3

Subject..... .....

Month	Progress made	Remarks

Exhibit 108 8 2

REPORT ON THE PROGRESS AND WORK OF THE CHAMARAJENDRA TECHNICAL INSTITUTE FOR THE HALF YEAR ENDING 30th June 1914.

----oOo----

INDUSTRIES AND CRAFTS SECTION: During the half year classes for imparting instruction in two more industries in this Section were opened. The class for training students in Metal Work was started in the middle of May and the class for Wood Carving at the close of the half year. All the subjects that were intended to be taught, as laid down in the Memo accompanying the Government Order sanctioning the Instructors have thus been commenced.

In the Arts Section, the Clay modelling class was formed in the half year under report and 8 students attended the class.

The number of students that attended the different industries is given below:-

Cabinet making.	-	54
Smithy and Fitters	-	25
Rattan	-	28
Inlay Work	-	4
Engraving	-	5
Metal Work	-	6
Wood Carving	-	3 just started.

A few students of the Cabinet Making and Smithy Sections were taken to the Workshop Section at the beginning of the half year and hence the number in the Industries Section is less than in the previous half year.

There has been no change in the method of instruction and progress which was followed previously. The students of all these classes were required to attend as usual, one hour,

every day, General Education and Drawing classes.

PUBLIC EXAMINATIONS.

Students were sent up for Madras Government Technical Examinations in Carpentry and Fitters' Work and the subjoined table shows the results of the examination:

Examination.	Grade.	No. Appeared.	No. Passed.
Carpentry.	Intermediate.	1	1 1 1st c.
Do.	Elementary.	1	-----
Fitters	Elementary	6	4 2 1st class.
Do.	Intermediate.	4	1 1 1st class.

ARTS SECTION: The number of students attending this Section is 36 and the branches taken by the students is as noted below:

Portrait Painting	6
Decorative Art.	2
Clay Modelling	6
Preliminary course	22

Of this number of students, 14 are scholarship holders and 22 are half time paying students.

COMMERCIAL SECTION: The class for imparting instruction in Typewriting continued to be attended regularly. A few of the students that trained ~~were~~ appeared for the Madras and Mysore Government Technical Examinations and the results in those Examinations are noted below:

MADRAS GOVERNMENT TECHNICAL EXAMINATION.

~~Appeared~~	No. Appeared.	Passed.	1st Class	2nd Class.
Typewriting.	6	5	1	4

MYSORE GOVERNMENT TECHNICAL EXAMINATIONS.

Typewriting	9	9	1	8

4

The class is very popular and is being satisfactorily managed.

WORKSHOP SECTION: The workshop which started work at the close of the previous half year, continued to work with greater vigour. During the half year under report, the total value of work turned out amounted to Rs.6089/-. The Carpentary portion of the shop was kept fully engaged by orders received from the various Departments of Government. About 15 students and workmen were attending the Workshop. One of the Carpentry Instructors of the Industries and Crafts Section was in charge of this as well as of the Machiney portion of the shop. Though the machinery section started rather poorly, the outlook began to improve rapidly and there was enough work to keep the shop going about the end of the half year. Out of the running capital of Rs.13,000 granted for the workshop, 9401 Rs. were spent on materials and labour during the half year and Rs.704 was realised by sale of manufactured articles so that there was only a balance of Rs.4303 at the Treasury to the credit of the Workshop funds at the close of the half year. The dues to the shop account from customers for articles supplied amounted to Rs.5772. The major portion of this amount is due from Government Departments and as this large outstanding balance handicaps the work of the Institute, the various Departments are being addressed with a view to speedier adjustment. Though it was feared at the outset that the workshop may not work satisfactorily as a commercial concern, the accounts now compiled show a profit of about Rs.600 for the half year.

No new machines were purchased during this period.

Arrangements are being made to get a Slotting machine and a Cupola.

EQUIPMENT CHARGES: The accompanying statement shows the amounts allotted and spent for the equipment of the different sections. Orders of models for the Arts Section have been placed, for equipping the Arts Section. The unspent balance of Rs.1639 in the equipment of the Industries and Crafts Section will be used up by the purchase of an Electric motor, accessories and fitting them up with necessary shafting. A Cupola and lathes have to be purchased for the workshop and the cost of buying and fitting of these can be met with from the balance of Workshop equipment. The preparation of benches for the short-hand class has been started and after the classes for book-keeping etc., are started, more furniture will be required and the unspent balance out of the allotment for equipment will be spent on these.

ENGINEERING SECTION: The strength of this section continued to be 91 comprising 34 students in each of the Sheikdar and Junior Sub-overseer classes and 23 in the Senior-Sub-Overseer class. All these students were examined in April by a Board of Examiners appointed by the Chief Engineer and the result is shown as the statement given below:-

	No. Appeared.	No. Passed.
Senior Suboverseer class.	23	22
Junior Suboverseer class.	35	28
Sheikdar class.	31	27

Besides this examination, some students appeared for the Madras Government Technical Examination and the results there too were satisfactory.

Statement showing the amounts spend up to 30-6-14 for Equipment Charges.

-----ooOoo-----

N.	Section.	Sanctioned Allotment.	Amount spent up to 31-12-1913.	Amount spend during the half year ending. 30-6-1914.	Total	Balance to be worked out.
		Rs.	Rs.	Rs.	Rs.	Rs.
1.	Arts Section	2000	632	---	632	1368
2.	Industries & Craft Section	10000	8060	301	8361	1639
3.	Workshop Section	15000	11075	1255	12330	2670
4.	Commercial Section.	4000	2160	------	2160	1840
	Total:	31000	11927	1556	23483	7517

" C O IY.

INSPECTOR GENERAL.

8

G.R.S. 28]

1612

File No. 1714

Serial No. 29

Diary No. of letter replied to 924

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.

(Edn →

, the 191 .

Date of issue 19-2-1915.

Signed by Mrs. G.V.R.

READ—

Letter no. 8433-3529 17th Nov. 1914 from the D.G. of Edn. in Mysore submitting a brief report on the working of the Chamarajendra Technical Institute, Mysore, for the half-year ended 30th June 1914

ORDER THEREON.—No.

Order

No 2789. Dy 19-2-1915.

over.

SUBJECT.

GPB—50,000—4-12-12

1. The long delay in the submission of this report should have been avoided.

2. The metal-work class was started in the middle of may and the wood-carving class at the close of the half year. In the Arts section the clay-modelling class was also formed during the period under report. All the subjects intended to be taught in the institution in G.O. no. 8834-40/ Edn: 462-09. 24 & 1st may 1913 have thus been commenced.

3. The results of the Madras and the Mysore Govt. Technical Examns for which the students trained in the Institute appeared, e.g., carpentry, fitters' work, type-writing and Engineering, have been very encouraging.

4. The workshops section of the Institute turned out work valued at Rs. 6089 during the half-year resulting in a profit of Rs. 600. Govt. observe that the ~~arrears~~ arrears due to the workshops on account of the ~~period~~ articles supplied during the Govt-~~institutions~~ during at the end of the period period under report, amounts to Rs 5772.

~~and that~~ Every attempt should be made to collect the amount ~~as early as possible~~ without delay.

5. The progress of the Institute, ~~as the whole~~

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G. R. S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

during the period under report has been, on the whole, in satisfactory.

Hon 5/1/15 Lett. E & A

To the D.G. of Edn.

T/1/15

11 DIARY No. 2310

19-15
SECTION Rom
FILE No. 1714
SERIAL No. 39

Edn. 81]

OFFICE OF INSPECTOR-GENERAL OF EDUCATION IN MYSORE.

No. 15740 / 710

Bangalore, 19th March, *1915.*

From

RAO BAHADUR M. SHAMA, RAO, ESQ., M. A.,
Inspector-General of Education in Mysore.

To

C.S. Balasundaram Iyer, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Departments of Education and Agriculture,
Bangalore.

SIR,

I have the honour to forward herewith for the information of Government a copy of the report on the working of the Chamarajendra Technical Institute, Mysore for the half-year ending the 31st December 1914.

I have the honour to be,
Sir,
Your most obedient servant,
M. Shama Rao,
Inspector General.

Exhibit 12

HALF YEARLY REPORT ON THE WORK AND PROGRESS OF THE CHAMARAJENDRA TECHNICAL INSTITUTE, MYSORE, FOR THE HALF YEAR ENDING DECEMBER 1914.

-:0:-

INDUSTRIES AND CRAFTS SECTION:-

Classes for imparting instruction in all the Industries -- mentioned in the Government Proceedings sanctioning the Institute continued to work during the half year satisfactorily. Detailed-syllabuses were prepared for the courses of instruction in the -- different classes and attempt has been made to systematise the -- course by dividing them into different stages. The different -- industries taught and the number of students being trained in each are as given below:-

Carpentry and Cabinet Making	...		54
Fitters and Smithy	...	...	21
Rattan work ...	...	...	27
Engraving ...	...	...	7
Inlaying ...	...	...	4
Metal Work ...	...	...	6
Wood Carving...	...	...	4

There are 3 Instructors sanctioned by Government for the Carpentry Section: but one of these has been looking after the Carpentry portion of the Workshop Section. As soon as the appointment of a Foreman for the Carpentry branch, which has been applied for, is sanctioned, this Carpentry Section will have the full complement of Instructors sanctioned for it. The course extends over 3 years and it has been arranged that the students should come up to fixed standards at the end of each year.

Blacksmith's and Fitters work is treated as one subject in the sanctioned scheme. But it has been found necessary to have two separate sections one for Blacksmiths work and another for

for Fitters work. A separate reference has been made requesting sanction to the appointment of an additional Instructor on Rs.40.

There has been no change as regards the work in the Rattan Class.

The Class for imparting instruction in Engraving was started in December 1913 and 7 students are undergoing training. During the first few months, the students were taught the handling of the gravers and inscribing straight and curved lines in lead plates. Afterwards, copper plate work was taken up and the students are now practising inscribing floral designs on copper plate. A certain amount of freehand drawing is also taught to enable the students to draw the designs on the plate to be engraved.

The Inlaying class was started at the same time as the Engraving Class. Four students are learning the art. Inlaying whitewood in rosewood is being taught as a preliminary to ivory inlaying.

The Metal work Class came into existence in May 1914. Six students are attending the class. They have been taught to execute small castings in brass such as handles, hinges, etc.

The class which was formed last was the Wood Carving Class. Four students were trained to this section from the Cabinet Making Section.

As a certain amount of preliminary training in Carpentry is necessary for students who join the Inlaying and Wood Carving classes students who wish to get training in these industries are given a year's preliminary training in the Carpentry Section.

The students of all these sections are as usual attending the General Education and Arts Classes one hour each every day.

Students appeared for the Madras Government Technical Examination held in November 1914 and the results are given below:-

Examination	Grade	No. appeared	No. passed.
Cabinet Making	Elementary	13	10
	Intermediate	11	result not known.
Smithy	Advanced	6	2
	Elementary	6	2
	Intermediate	2	1

One of the students who passed Smithy Elementary stood second in the Presidency, securing a first class pass.

ARTS SECTION:-

The total number of students in this Section was 31 during the half year. Of these 10 took up portrait painting and Decorative design, 12 clay modelling, and 9 preliminary course.

Students appeared from this Section also, for the Madras Government Examinations and the results were satisfactory as can be seen from the subjoined statement.

Examination	Grade	No. appeared	No. passed.
Freehand drawing	Elementary	28	19
	Intermediate	7	6
Geometrical	Elementary	7	4
	Intermediate	1	1
	Advanced	1	1
Design	Elementary	7	-
Painting	Elementary	4	4
	Intermediate	4	result not known
Modelling	Elementary	4	4

COMMERCIAL SECTION:-

Instruction in Shorthand in addition to Type-writing was commended

commenced to be given to the pupils at the beginning of the half year.

Mr. C.S. Subba Rao, one of the two teachers who had been sent to Bombay to undergo a course in Commercial Education returned in October and was appointed as Head Master of the Commercial Section. Another teacher was also appointed towards the close of the half year. The total number of students in this Section is 101 and is classified as below:-

Typewriting	71
Shorthand	58
Book-keeping	53
Commercial Geography	23
" Correspondence	23

Of these 101 students 47 are students, 36 are officials and 18 are merchants, etc.

Sanction to the appointment of two additional Teachers for imparting instruction in Commercial Subjects in the Vernacular and Gujarati was applied for and has since been obtained.

WORKSHOP:

The Workshop continued to work fairly well. During the half year under report, the total value of work turned out amounted to about Rs.7,000. The Carpentry and the Machine Workshops were kept fully engaged by orders received from the various Departments of Government and private persons. One of the Carpentry Instructors of the Industries and Crafts Section has been in charge of the Carpentry Workshop. It has been found very difficult to secure the services of a competent Foreman for the Machine Workshop.

Out of the Rs.13,000 granted by the Government as a standing advance, Rs.9,640 was spent on materials and labour during the half year and Rs.7,682 was realized by sale of manufactured articles and there was a balance of Rs.2,349 to the credit of the Workshop funds at

at the close of the half year. The outstandings due from customers amounted to Rs.5,949, the major portion of which is due from Government Departments. The transactions of the half year under report have yielded a profit of about Rs.2,000.

No new machines were purchased during the period. An order has been placed for a Cupola which is shortly expected.

EQUIPMENT:-

The accompanying statement shows the expenditure and balance under provision for equipment of the different sections.

Sections.	Allotment	Expenditure up to 31-12-14.	Amount Available
	Rs.	Rs.	Rs.
Arts	1,350	438	912
Industries & Craft	1,640	131	1,509
Workshop	2,670	626	2,044
Commercial	1,840	196	1,644
T o t a l	Rs.7,500	1,391	6,109

ENGINEERING SECTION:-

At the beginning of the half year there were 32 students in the Senior Sub-Overseer class while the Junior and Shekdar classes had not formed. A large number of candidates applied for admission to these classes. 35 students were admitted to the Junior Sub-Overseer class, mostly on the results of an Entrance Examination conducted by Mr. H. Krishnachar of the Maharani's College and Mr. S. Rama Rao of the Maharaja's College. The same number was admitted to the Shekdari class. The latter class which had originally been sanctioned for only one year 1913-14 was ordered to be continued for another year.

The maximum strength of this section was 102 as against 91

of

of the previous half year. Out of this number, a few left the school so that the strength at the end of the half year was 98.

The orders of Government are awaited on the proposals for revising the course of study etc., submitted by the Committee.

The students of the Senior Sub-Overseer class were taken on a tour to Marikanave, Sivasamudram, Kankanhalli, etc., to see the works in execution. The head works of the Devaroy channel and the Cauvery reservoir works were also visited.

GENERAL:-

The Committee held 3 meetings in the half year. Among the various subjects discussed a few of the more important ones are given below:-

Rules were framed for enforcing regular attendance of students in the Industries and Crafts Section and it was resolved that a student who absented himself for more than 20% of the number of working days in a month will get no scholarship for the month. As students were found to shirk attendance in the Drawing and Education Classes, it was ruled that absence from any of these classes should be treated as absence for the whole day. The course of study in the Arts Section which had been fixed at 3 years, was raised to 5 years and the scholarships were revised to suit to this alteration. Detailed syllabuses for the courses of training in the different branches of the Industries and Crafts and Arts Sections were discussed and approved. The question of additional establishment required in the Industries Section was gone into and proposals were submitted for the necessary additional establishment. The Committee also recommended that the services of a senior P.W. Accountant be requisitioned for a period of six months to check the accounts of the Workshop and put them in proper form where necessary.

The Committee is of opinion that the work turned out was satisfactory considering that the supervising staff was short-handed as

as the question of permanent Superintendent has not been settled as yet.

"C o p y"

Yes

Inspector General.

TNR.

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G.R.S. 28]

Eon File No. 17-14

Serial No. 64

*Diary No. of letter replied to*_____

GENERAL AND REVENUE SECRETARIAT.

( )

Proceedings of the Government of His Highness the Maharaja of Mysore

the 191 .

READ— Letter no. 15740/710 &

19. 3. 15 from the D.P. of Edn.

in Mysore forwarding a copy

of the report on the Working of

the Chamarajendra Technical

Date of issue 22/5/15

Signed by Dr. A. V. R.

ORDER THEREON.—No.

Institute, Mysore, for the half

year ending the 31st Decr. 1914

Order No 4978-80.

It is reported that the detailed

over.

SUBJECT.

C. Hd 21/5/15.

GPB—50,000—1-12-12

Syllabuses for the courses of in the Industries & Crafts Section and in the Arts Section of the Institute were prepared. Mr. G.S. Subba Rao who was deputed to Bombay to undergo training in Commerce returned during the period and was applied as Head Master of the Commercial Section

The value of work turned out in the Workshop is said to be Rs. 7000 through which a profit of Rs 2000 is reported to have accrued during the year, it is observed that the outstandings due from purchasers for articles supplied to date amounts to Rs. 5949. Steps should be taken to recover the outstanding dues as speedily as possible.

The results of the madras Exams in Smithy and Designs are not very encouraging & ~~and it is~~ ~~hoped that better results & will be achieved in future~~

14/5/15

The proposals for the revision of the curriculum of the Engineering Section of the Instt. as also of the

See 4 above.

To Mr D.G. Gleden
the See 4 E.C.
the See 4 Edn Comm
with a copy of the
report.